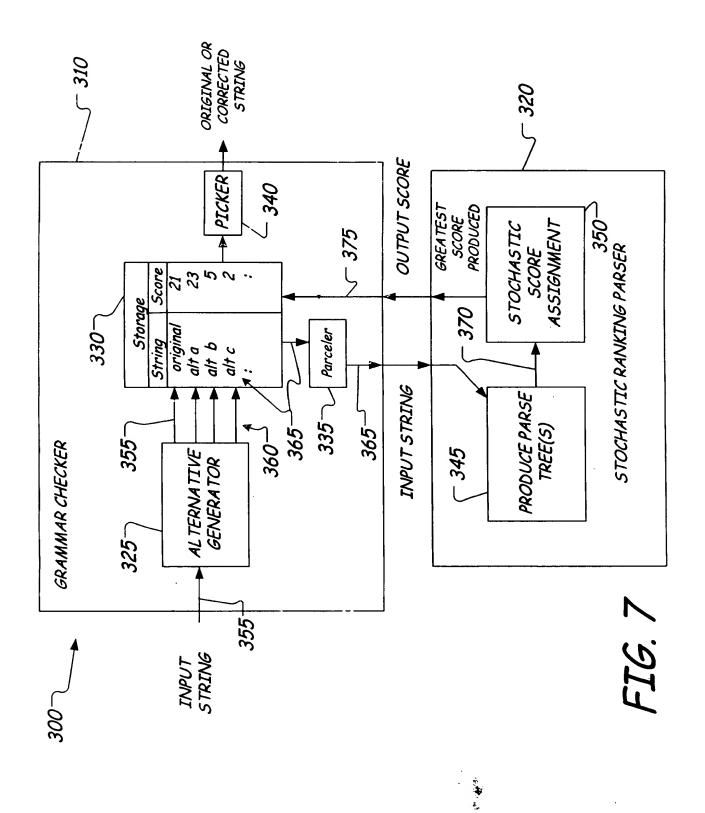
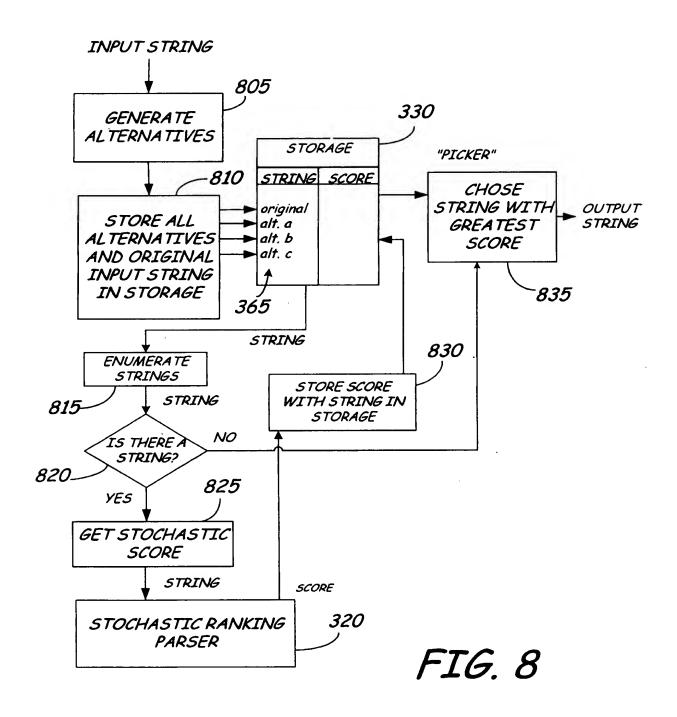


FIG. 6





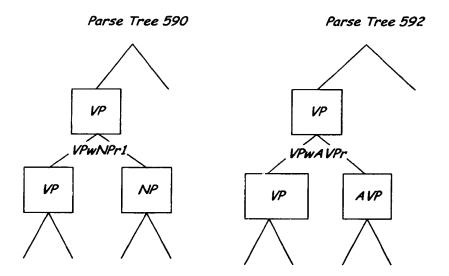
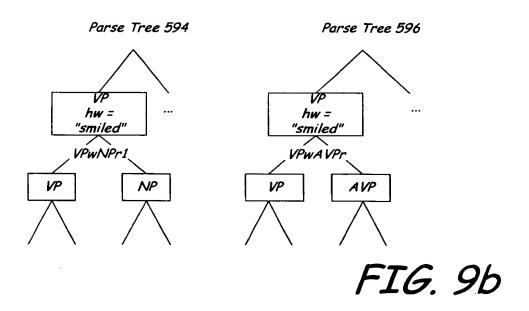
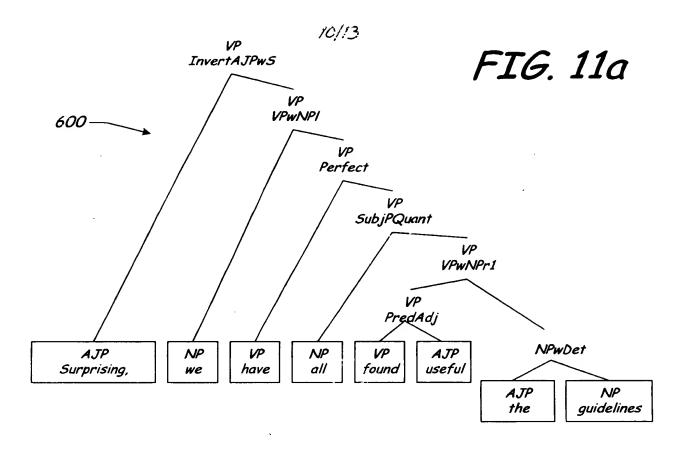


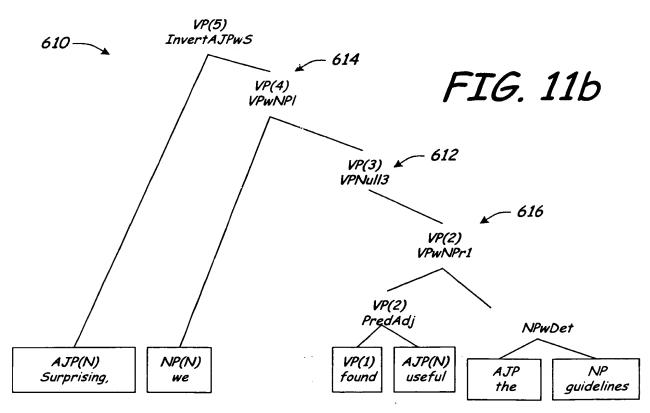
FIG. 9a



Rule Name	Rule				Description (and an example)
VERBtoVP	VP	$\rightarrow$	VERB		Promote a verb into a verb phrase
PredAdj	VP		VP	АЈР	Add on an adjective.
				AJI	"It has been <u>found</u> <u>effective</u> "
VPwNPr1	VP	$\rightarrow$	VP	NP	Add direct object to a VP
					"I <u>hit Bill</u> "
Perfect	VP	$\rightarrow$	VP	VP	Adds the VP "have" to a VP
					"Joe <u>had</u> gone"
					Add quantifiers to the VP like "all", "both"
SubjPQuant	VP	$\rightarrow$	NP	VP	
					"The children have <u>all</u> gone"
VPwNPl	VP	$\rightarrow$	NP	VP	Add noun subject to a VP
			···		"John jumped."
SubjectAJP	VP	$\rightarrow$	АЈР	VP	Add AJP subject to a VP
					"More surprising is his attitude"
InvertAJPwS	VP	$\rightarrow$	AJP	VP	Add final modifier, AJP, to the left of a VP
· · · · · · · · · · · · · · · · · · ·			<u> </u>	·	"More remarkable still, he went"
Topicalization	VP	$\rightarrow$	NP	VP	Add object of VP, NP, to the left of a VP
					"A better-looking man I have not seen"

FIG. 10





## FIG. 12

Phrase				
Level	Rule Name	Rule		Level Description
	VERBtoVP	VP(1) →	VERB(PL_Verb_Max)	Create a VP
	PredAdj	VP(2)→	VP(1) AJP(PL_AJP_Max)	
7	VPwNPr1	VP(2)→	VP(1) NP(PL_AJP_Max)	Add post modifiers
;	VPNull2	VP(2) →	VP(1)	
	Perfect	VP(3)→	VP(1) VP(2,3)	
т	SubjPQuant	VP(3)→	NP(PL_NP_Max) VP(2,3)	Add "have" and quantifiers
	VPNull3	VP(3) →	VP(2)	
	VPwNPI	VP(4) →	NP(PL_NP_Max) VP(3)	
4	SubjectAJP	VP(4) →	AJP(PL_AJP_Max) VP(3)	Add subject
	VPNull4	VP(4) →	VP(3)	
	InvertAJPwS	VP(5) →	AJP(PL_AJP_Max) VP(4)	Add modifices to Mrs that
8	Topicalization	VP(5) →	NP(PL_NP_Max) VP(4)	have a subject
	VPNul15	VP(5) →	VP(4)	

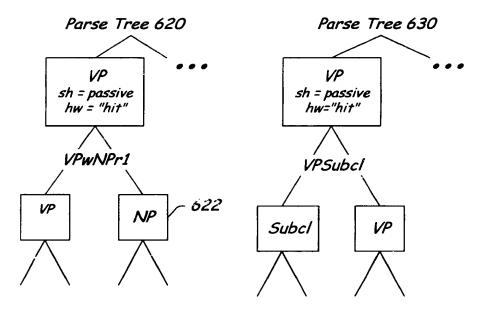


FIG. 13

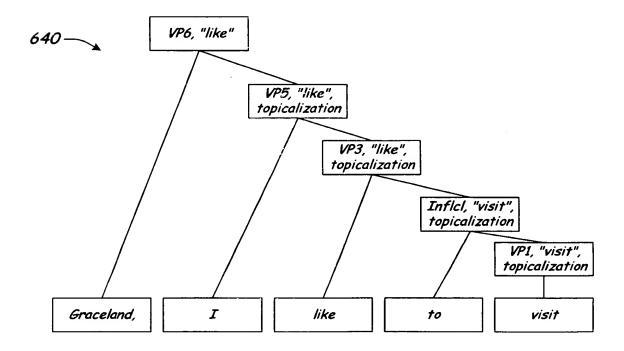


FIG. 14

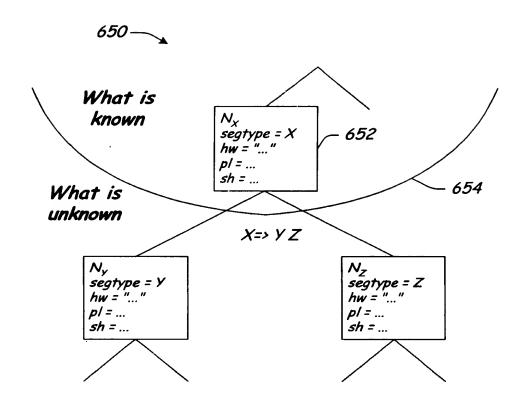


FIG. 15